## A Message to Circle the Earth In a Minute

debrution unique in the history of Independence day. This will be the formal opening of the Paethe cable by an interchange of congranulatory messages between President Romevell and Governor Taft. The significance of the event is manirest, for the United States will at last be in direct communication with all her insular possessions and messages can be transmitted as easily and rapidly between San Francisco and far away Manila as between San Francisco and Washington. As things sland today. cable invarages from the Pullippines to this country have to be sent by a very roundabout parte, traveling via Hongleons, Singapore, Madres, Bombay, aden, Sudz, Alexandria, Malta, Gibraltar, Lisbon and the Azores, and vexutions delays are constantly experienced. Under the new order of things, however, whatever happens in any part of the United States and her dependencies be almost instantaneously commuricated to every other part.
The new cable will incidentally render

empty the vaunting words of Will Shakespeare's Puck: "Ti put a girdle round about the earth in forty min-ates." Just by how much Puck's record is to be excelled may be made known in connection with the Fourth of July opening, for the Postal Telegraph comcial Cable company, is planning to cele-brate the day by transmitting a mesenge around the world and the officials of both companies are hopeful that the will be completed in furty seconds rather than in forty minutes. To that that will insure virtually instantaneous lay points. The officials do not minimise the difficulties they will have be overcome, the most serious of which ill be encountered in the journey from

greatest distance that need be traversed influence if present plans do not mis-between any two points will be only carry.

Independent to know what can be accompand to the rapidity with which the plished in the way of rapid communica- message is flushed from San Francisco tion, and if only for this reason the test to Mantin over our new cubic, for this

"AIR WAVE" TYPEWRITER THE LATEST.



Paris. This island has a population of the neighborhood of \$12,000,000, about 9,000 and a large American col-1. While these figures suffice to disclose

Shore end of Cable Buoyed up by Inflated Rubber Bags.

From Sand island the cable will run
1.283 miles before making another landing, finally coming to the surface at
Guam in the Ladrone group, one of the
islands ceded to us under the treaty of

on Sand Island, in the animaly only, we that receive the carries of the machine of the much better off than their colleagues show nothing of the delicate enginering to that most interesting period in problems involved in the construction of the most desolate of the times of 1.360 miles. It will first touch by those that confronted the builders of the delicate animals and the great appeared in continue of the greats appeared in continue of the greats appeared in continue of the great appeared in continue of the group, is practically uninhabited and tries but a few feet above the sea level. In fact its highest point is said to be a sand dune thirty-eight feet above. In feet above the sea level west shore until it comes to Manila. Say that were it not for the advances in a sand dune thirty-eight feet above high water mark. The cable company will maintain on Sand island a force of twenty-five or thirty operators and intends to do everything possible to make them comfortable. They will live in houses built by the company, which will also erect a chapel library and gymnass or the commercial Capital and the wire will be extended to Shanghai.

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nasium and install ice making and company will have two ships constantly
distilling plants.

Stacles which, while not insurmountin commission, one of which will be sta-

other was encountered about 500 miles east of Guam and was one of the deepest marine abysses ever found, having a depth of nearly 5,000 fathoms, or nearly six miles. Each of these involved the making of a detour and a correspondng increase in the length of the cable.

Great as has been the task the triumph will be still greater, and those who have been instrumental in bringing about this latest American achievement must feel a pardonable pride when, on Independence day, they start on its world girdling tour the message that world girdling tour the message that will proclaim the opening of the all American link between the two humispheres. It is not such a far cry back to the time when it required not forty seconds, but forty weeks to convey a message over the territory that will be covered in the course of the coming test nor is it so very long ago that the first cable was laid. Although it was in the eighteenth century that the Spaniard Salva suggested the recessfully of sule.

mbaqueous telegraphy as long ago as planning to put him on exhibition in 1838, but it was 1851 before the cablegram became a public utility. In that year communication was definitely established between England and France and the line then in operation is today practically intact, the gutta percha insulation having withstood the action of the waters of the English hannel. Other attempts soon followed aiminating in 1858 in the building of the first transatiantic cable, in which Cyrus W. Field, one of the original epiectors of the Pacific scheme, prominent part. Today the cubie lines in operation are long enough to girdle the earth eight times or reach two thirds of the distance to the moon. And to these will soon be added the al American line across the Pacific. The dream of the late John W. Mackay will has become the realization of his son Clarence:

Clarence Mackay is not only an exceedingly clever business man, but has sporting strain in his blood which has from whom great achievements may be time been the sensation of Paris. He expected. LEE, M. HARRISON. is eight years old.

THE CZAROWITZ IN AN OLD RUSSIAN COSTUME.

on Sand Island, in the Midway ony, so that the cable exiles will be the magnitude of the undertaking they the great court ball at which all group, which takes its name from the much better off than their colleagues show nothing of the deliverage of the deliverage



Salva suggested the possibility of subaqueous felegraphy it was not until the
closing half of the nineteenth that his
theories were put to practical use.

True, there are evidences of successful
subaqueous telegraphy as long are



a smiliful polo player and until his fa-ther's death was a devoted patron of one of Turk's many accomplishments, the turf. Altogether he is a healthy, among his noteworthy feats being the ambitious American, unspecied by the picking out of numbers and letters on inheritance of riches, the type of man pieces of cardboard. Turk has for some

Route of Cable.

will be encountered in the journey from Manile to the Azores, owing to the numerous relays and the red tape of foreign governments, but they expect that their pans will be so perfected that everything will go through according to schedule and an unapproachable world's record will be established.

As a matter of fact the test is important only in so far as it will be in the milure of another tribule to the American genius—a demonstration of what has been accomplished by the building of the Pacific cable, which is essentially an American enterprise owing its inception to the late John W. Mackay and its completion to the late John W. Mackay and its completion to the late John W. Mackay is the head. For commercial purposes, however, there will be no hecessity of rending messages on similar world grading trips—ances breakes along the cable route necessitate very coundabout Journeys—for the greatest distance that need be traversed between any two points will be only carry.

is certain to arouse a worldwide inwill show just how great a strile has
been made in the direction of bringing
been years ago a somewhat similar the United States and her colonies
test was made and it will be rememherei that on that occasion twelve. San Francisco the first relax will be
thousand temple assembled in Madison at Honotulu and the cable next lands

# Persons, Places and Things Worth

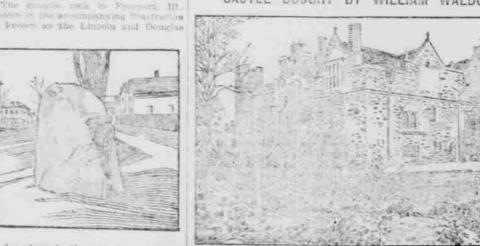
A FEROCIOUS LITERARY CRITIC. A NEW KING IN COTTON. SCHWAB TRAINING SCHOOL. While William E likings is recog-nized as one of England's most able ever appeared in the cotton pit is Wil-boys and girls of Homestead, Pa., new



WILLIAM ERNEST HENLEY.

An interesting secured to the discovery of wireless telegraphy is found in the invention by Prefessor A. Kamm of an "Air Way" typeraries, whereast and now he is to the fore in an increased written on one maintaine are transmitted by virence to largethy to describes an a bumplin, young highest to be so believely adjusted that "interference in impossible. Professor and make are now busine engaged in Kamm he is well known founded continues and printer of the Royal institution. Of their master, he are howevering for years on various forms of hearted type writers and this had been weating for years on various forms of hearted type writers and this had been weating for years on various forms of hearted type writers and this had been weating for years on various forms of hearted type writers and this but a post of metric and has published professor in his laboratory at work on the "Air Ways." nation by attacking Robert Louis Ste-

#### seer in his laboratory at work on the "Air Wave." CASTLE BOUGHT BY WILLIAM WALDORF ASTOR.



rock and marks the spot where Lincoln and finished stood during one of their famous Rever castle has just passed into the hands of an American to Freedom from Invited the parchaser is William Waldorf Astor. It was the castle is in Kent, and the purchaser is William Waldorf Astor. It was the castle is in Kent, and by inhaling this expension were gueen is rather stout by finish marked by the members of past of the members of the mem the fortified manor house. It is completely surrounded by a wide most.

### AT HOME AND ABROAD.

MONUMENT TO A DEBATE.

Two hundred and forty drodges are new to fail the houses and farms in the new to fail the houses and farms in the new to fail the houses and farms in the new to death. In LEE of these cases there must contained in the year last to the select according to the select according to the best of the first and practice.

The first railway in England was best forth and a boller pressure of eighty pounds to the square inch.

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literary critics, he is undoubtedly one of liam r. Brown of New Orleans, who have an opportunity to secure without the most feroclous of ink slingers. Two not long ago attracted great attention cost a course in a first class industrial by succeeding Daniel Sully as leader of the buil contingent on the New York exchange. Mr. Brown is a member of the "self made" family. After leaving a country school he began life behind a counter in a small store, made some

Hauling Guam End of Cable Ashere.



WILLIAM P. BROWN.

lucky speculations, acquired a bank roll of \$1,000, bastened to New Orleans and embacked in the cutton business. Luck his capital until he is now rated a

### A DARING AERONAUT.

Stanley Spencer, the first man to cross anden in an air ship, holds many other halloening records of which the publi-knows little. The highest ascent eve the Crystal palace just four years ago. Accompanied by Dr. Berson, the set entist, the balloon on that occasion had the evolutions of the car were nearly choked and began gasping for breath. Dr. Burson happily carried with him a

school which Mr. Schwab has estab lished at Homestond. Manual training has long been a hobby with Mr. Schwab

and seven years ago he fitted up a school in the besement of a building in

ricus companies in the United Kingdom rent of all the houses and farms in the liquid for some time, and on suddenly led toth impacting visuals, hence structured to the liquid for some time, and on suddenly led toth impacting visuals, hence structured to the liquid for some time, and on suddenly led toth impacting visuals, hence structured to the liquid for some time, and on suddenly led toth impacting visuals, hence structured to the liquid for some time, and on suddenly led toth impacting visuals, hence structured to the liquid for some time.

AMERICAN MAY BUY HISTORIC LONDON HOUSE.

Reading About



Coincident with the news that Apriley House, famous as the house of the Dinks of Wellington, is to be placed on the market comes a report that it is Housestend. The compress with which likely this noted London dwelling will pass into the hands of a wealthy Amer-the young people availed themselves of loan. In the cut it is the dwelling with the four hig pillars in front. It contains the opportunity thus offered impelled a wonderful picture spilery, wherein a banquet in honor of the battle of Wa-Mr. Schwab to construct the present terico was held annually until 1852. Englishmen have long nursed a species of the which is a three story and veneration for Apoley House recognized by a wirty fereigner when he described

### A HUMAN BRIDGE IN SWAZILAND.



is wearing her symbols of royalty-lespard skin and monkey tells.



YALE LAW SCHOOL'S NEW HEAD. Professor Henry Wade lingers, who was recently appointed dean of the law

school at Tale, has been connected with

As the illustration shows, the camera has chught a most interesting scene. The New Haven traditative start 1904